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NOTICE OF ALLOWANCE AND FEE(S) DUE

23416

7590

10/15/2010

CONNOLLY BOVE LODGE & HUTZ, LLP P O BOX 2207 WILMINGTON, DE 19899 EXAMINER

NGUYEN, KHANH TUAN

ART UNIT PAPER NUMBER

1766

DATE MAILED: 10/15/2010

	APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
_	10/568.659	02/15/2006	Carl Towns	3724.1008-000	5024

TITLE OF INVENTION: OLIGOMER AND POLYMER COMPRISING TRIPHENYL PHOSPHINE UNITS

APPLN. TYPE	SMALL ENTITY	ISSUE FEE DUE	PUBLICATION FEE DUE	PREV. PAID ISSUE FEE	TOTAL FEE(S) DUE	DATE DUE
nonprovisional	NO	\$1510	\$300	\$0	\$1810	01/18/2011

THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT. PROSECUTION ON THE MERITS IS CLOSED. THIS NOTICE OF ALLOWANCE IS NOT A GRANT OF PATENT RIGHTS. THIS APPLICATION IS SUBJECT TO WITHDRAWAL FROM ISSUE AT THE INITIATIVE OF THE OFFICE OR UPON PETITION BY THE APPLICANT. SEE 37 CFR 1.313 AND MPEP 1308.

THE ISSUE FEE AND PUBLICATION FEE (IF REQUIRED) MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED. SEE 35 U.S.C. 151. THE ISSUE FEE DUE INDICATED ABOVE DOES NOT REFLECT A CREDIT FOR ANY PREVIOUSLY PAID ISSUE FEE IN THIS APPLICATION. IF AN ISSUE FEE HAS PREVIOUSLY BEEN PAID IN THIS APPLICATION (AS SHOWN ABOVE), THE RETURN OF PART B OF THIS FORM WILL BE CONSIDERED A REQUEST TO REAPPLY THE PREVIOUSLY PAID ISSUE FEE TOWARD THE ISSUE FEE NOW DUE.

HOW TO REPLY TO THIS NOTICE:

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

A. If the status is the same, pay the TOTAL FEE(S) DUE shown above.

B. If the status above is to be removed, check box 5b on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and twice the amount of the ISSUE FEE shown above, or

If the SMALL ENTITY is shown as NO:

A. Pay TOTAL FEE(S) DUE shown above, or

B. If applicant claimed SMALL ENTITY status before, or is now claiming SMALL ENTITY status, check box 5a on Part B - Fee(s) Transmittal and pay the PUBLICATION FEE (if required) and 1/2 the ISSUE FEE shown above.

II. PART B - FEE(S) TRANSMITTAL, or its equivalent, must be completed and returned to the United States Patent and Trademark Office (USPTO) with your ISSUE FEE and PUBLICATION FEE (if required). If you are charging the fee(s) to your deposit account, section "4b" of Part B - Fee(s) Transmittal should be completed and an extra copy of the form should be submitted. If an equivalent of Part B is filed, a request to reapply a previously paid issue fee must be clearly made, and delays in processing may occur due to the difficulty in recognizing the paper as an equivalent of Part B.

III. All communications regarding this application must give the application number. Please direct all communications prior to issuance to Mail Stop ISSUE FEE unless advised to the contrary.

IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.

PART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail Mail Stop ISSUE FEE

Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450

or Fax (571)-273-2885

INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where

appropriate. All further indicated unless correct maintenance fee notifica	correspondence including deliberation of directed of the street of the s	ng the Patent, advance on nerwise in Block 1, by (a	rders and notification of a) specifying a new corr	maintenance fees verspondence address	vill be ; and/o	mailed to the current or (b) indicating a sepa	correspondence address as trate "FEE ADDRESS" for
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							(Depositor's name)
							(Signature)
							(Date)
APPLICATION NO.	FILING DATE		FIRST NAMED INVENTO	PR	ATTO	DRNEY DOCKET NO.	CONFIRMATION NO.
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nonprovisional	NO	\$1510	\$300	\$0		\$1810	01/18/2011
EXAM	IINER	ART UNIT	CLASS-SUBCLASS				
NGUYEN, KI	HANH TUAN	1766	525-540000				
 Change of correspondence address or indication of "Fee Address" (37 CFR 1.363). Change of correspondence address (or Change of Correspondence Address form PTO/SB/122) attached. "Fee Address" indication (or "Fee Address" Indication form PTO/SB/47; Rev 03-02 or more recent) attached. Use of a Customer Number is required. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON 			or agents OR, alterna (2) the name of a sin registered attorney of 2 registered patent at listed, no name will b	f up to 3 registered patent attorneys ternatively, a single firm (having as a member a ey or agent) and the names of up to nt attorneys or agents. If no name is will be printed.			
PLEASE NOTE: Un recordation as set fort (A) NAME OF ASSI	less an assignee is ident h in 37 CFR 3.11. Comp GNEE	ified below, no assignee oletion of this form is NO	data will appear on the T a substitute for filing a (B) RESIDENCE: (CIT	patent. If an assign n assignment. 'Y and STATE OR (COUN	TRY)	ocument has been filed for
Please check the appropr	riate assignee category or	categories (will not be pr	rinted on the patent):	Individual LC	orporat	ion or other private gro	oup entity Government
4a. The following fee(s) are submitted: Issue Fee Publication Fee (No small entity discount permitted) Advance Order - # of Copies			o. Payment of Fee(s): (PI A check is enclosed Payment by credit c The Director is here overpayment, to De	ard. Form PTO-2033 by authorized to cha	is atta	ached. required fee(s), any de	
5. Change in Entity Sta	itus (from status indicated as SMALL ENTITY statu		☐ b. Applicant is no lo	maer claiming SMA	II EN	TITY status See 37 C	FP 1 27(a)(2)
NOTE: The Issue Fee an	d Publication Fee (if rea		d from anyone other than				ne assignee or other party in
Authorized Signature				Date			
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CONNOLLY BO	OVE LODGE & HUT	NGUYEN, KHANH TUAN				
P O BOX 2207		ART UNIT	PAPER NUMBER			
WILMINGTON, DE 19899			1766			
			DATE MAILED: 10/15/2010			

Determination of Patent Term Adjustment under 35 U.S.C. 154 (b)

(application filed on or after May 29, 2000)

The Patent Term Adjustment to date is 449 day(s). If the issue fee is paid on the date that is three months after the mailing date of this notice and the patent issues on the Tuesday before the date that is 28 weeks (six and a half months) after the mailing date of this notice, the Patent Term Adjustment will be 449 day(s).

If a Continued Prosecution Application (CPA) was filed in the above-identified application, the filing date that determines Patent Term Adjustment is the filing date of the most recent CPA.

Applicant will be able to obtain more detailed information by accessing the Patent Application Information Retrieval (PAIR) WEB site (http://pair.uspto.gov).

Any questions regarding the Patent Term Extension or Adjustment determination should be directed to the Office of Patent Legal Administration at (571)-272-7702. Questions relating to issue and publication fee payments should be directed to the Customer Service Center of the Office of Patent Publication at 1-(888)-786-0101 or (571)-272-4200.

	Application No.	Applicant(s)			
	10/568,659	TOWNS ET AL.			
Notice of Allowability	Examiner	Art Unit			
	KHANH T. NGUYEN	1766			
The MAILING DATE of this communication appeal All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RI	(OR REMAINS) CLOSED in this apport or other appropriate communication (GHTS. This application is subject to	plication. If not included will be mailed in due course. THIS			
1. This communication is responsive to <u>09/16/10 and 09/22/1</u>	<u>0</u> .				
2. X The allowed claim(s) is/are 24-27, 41-44, 45, 46, and 48-50	<u>0</u> .				
 Acknowledgment is made of a claim for foreign priority ur a)	been received. been received in Application No cuments have been received in this of this communication to file a reply	national stage application from the			
 4. ☐ A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give 5. ☐ CORRECTED DRAWINGS (as "replacement sheets") must (a) ☐ including changes required by the Notice of Draftspers 1) ☐ hereto or 2) ☐ to Paper No./Mail Date 	es reason(s) why the oath or declara of be submitted. on's Patent Drawing Review (PTO-	tion is deficient.			
(b) including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d). 6. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.					
Attachment(s) 1. ☐ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO/SB/08), Paper No./Mail Date 09/22/2010 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material /Mark Kopec/ Primary Examiner, Art Unit 1761	5. Notice of Informal P 6. Interview Summary Paper No./Mail Dat 7. Examiner's Amendr 8. Examiner's Stateme 9. Other	(PTO-413), te			

Application/Control Number: 10/568,659 Page 2

Art Unit: 1766

DETAILED ACTION

Response to Amendment

1. The amendment filed on 09/16/2010 is entered and acknowledged by the Examiner. Claims 24 and 49 have been amended. Claims 1-23, 28-40, and 47 have been cancelled. Claims 45 and 46 were withdrawn from further consideration. Claims 24-27, 41-44, and 48-50 are currently pending in the instant application.

Election/Restrictions

2. Claims 24-27, 41-44, and 48-50 are in condition for allowance. The previously withdrawn claims 45 and 46 are rejoined. The restriction requirement mailed on 08/20/2008 is withdrawn.

Information Disclosure Statement

3. The information disclosure statement (IDS) filed on 05/03/2010 is in compliance with the provisions of 37 CFR 1.97 and has been considered by the examiner. An initialed copy accompanies this Office Action.

Examiner's Statement of Reason for Allowance

4. Claims 24-27, 41-44, 45, 46, and 48-50 are allowed over the prior art of record.

5. The following is an examiner's statement of reasons for allowance: The claims, filed on 09/16/2010, have been carefully reviewed and searched.

Regarding claims 24-27 and 48-50, currently there is no prior art alone or in combination that teaches or suggests the claimed oligomer or polymer. Specifically, there is no teaching or suggestion of a second repeating unit selected from optionally substituted phenyl, fluorine, spirobifluorene, indenofluorene, heteroaryl and/or dihydrophenanthrene as required by the instant claims. Thus, claim 24 is allowable over the prior art of record. Claims 25-27 and 48-50 depend from claim 24 and contain the allowable subject matter of claim 24. Thus, claims 25-27 and 48-50 are allowable based on their dependencies.

Regarding claims 41-43, the instant claims contain the allowable oligomer or polymer of claim 24. Thus, claims 41-43 are allowable over the prior art of record for the reason set forth above.

Regarding claim 44, the instant claim contains the allowable oligomer or polymer of claim 24. Thus, claim 44 is

allowable over the prior art of record for the reason set forth above.

Regarding claims 45 and 46, the instant claims contain the allowable oligomer or polymer of claim 24. Thus, claims 45 and 46 are allowable over the prior art of record for the reason set forth above.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to KHANH T. NGUYEN whose telephone number is (571) 272-8082. The examiner can normally be reached on Monday-Thursday 7:00-6:00 EST PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Randy Gulakowski can be reached on (571) 272-1302. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Application/Control Number: 10/568,659 Page 5

Art Unit: 1766

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Mark Kopec/ Primary Examiner, Art Unit 1761

/Khanh Tuan Nguyen/
Examiner, Art Unit 1766
10/08/2010